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IMAGERY  
ANALYSIS  
DIVISION

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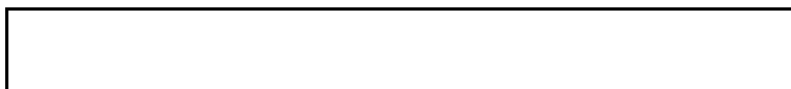
PHOTOGRAPHIC INTELLIGENCE REPORT

TACTICAL MISSILE ACTIVITY

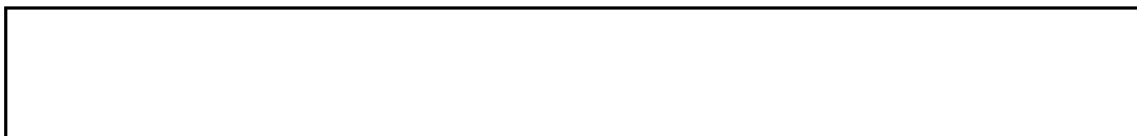
KAPUSTIN YAR/VLADIMIROVKA MISSILE

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TEST CENTER USSR

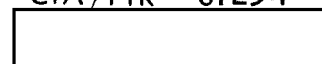


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DATE APRIL 1966

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TACTICAL MISSILE ACTIVITY  
KAPUSTIN YAR/VLADIMIROVKA MISSILE  
TEST CENTER USSR

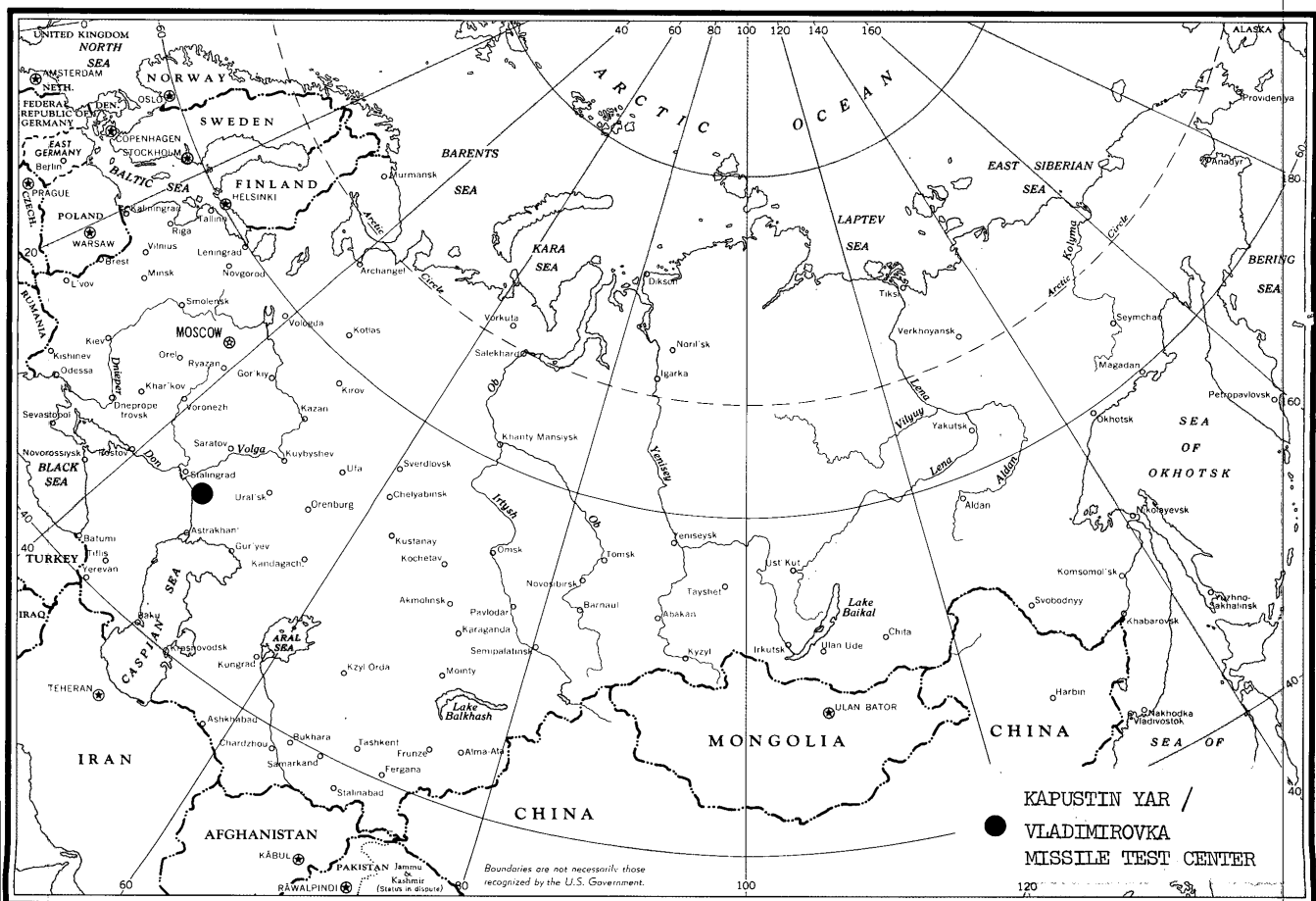
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FIGURE 1

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TACTICAL MISSILE EQUIPMENT  
KAPUSTIN YAR/VLADIMIROVKA MISSILE  
TEST CENTER USSR

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## PREFACE

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The purpose of this report is to locate and identify all Soviet ground forces tactical surface to surface missile activity and equipment in the Kapustin Yar/Vladimirovka Missile Test Center of [REDACTED]  
[REDACTED]

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Analysis of the photography has revealed SS-1 "SCUD" missile activity at the Troop Training and Support area on both [REDACTED]

Equipment and support type vehicles of an unidentified possible cruise missile system, possibly army associated, were observed in the Launch Complex B Bivouac Area on [REDACTED], and in the Launch Complex B Support Area on [REDACTED]

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TROOP TRAINING AND SUPPORT AREA  
SS-1 "SCUD" MISSILE ACTIVITY

[redacted] (See Figure 2)

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Analysis of [redacted] revealed SCUD equipment in four separate bivouac areas and in the Troop Training and Support area motor pool adjacent to the Troop Training and Support Area. The close proximity of these areas to one another and the presence of only two probable missile checkout facilities within the entire area indicate a centralized training program. A probable warhead mating and transloading exercise and a probable missile fueling exercise were observed in the area.

The absence of a large number of tents in the bivouac areas indicates the use of the permanent billeting facilities of the Troop Training and Support Area.

The following vehicles, equipment and service facilities were observed in the motor pool, bivouac areas, and in the exercises observed taking place in this area.

I. Troop Training and Support Area Motor Pool

- 1 Missile field service tent
- 2 Possible SCUD TEL's (canvas covered)
- 9 Possible SCUD resupply transport trailers, 1 with prime mover
- 2 Probable SCUD resupply transport trailers with prime movers
- 2 Probable "A Frame" cranes with prime movers
- 2 Possible END TRAY radars
- 2 Possible KRAZ 214 cargo trucks
- 2 Probable KRAZ 214 cargo trucks
- 4 Possible ZIL 151/157 cargo trucks
- 6 Probable ZIL 151/157 cargo trucks
- 7 Possible ZIL 151/157 van trucks
- 4 Probable ZIL 151/157 van trucks
- 1 Possible GAZ 51/63 cargo truck
- 5 Probable GAZ 51/63 cargo trucks
- 3 Possible GAZ 51/63 van trucks
- 10 Probable UAZ 69 utility trucks
- 4 Cargo trailers
- 24 Unidentified vehicles

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8 Unidentified pieces of equipment

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II. SCUD Bivouac Area "A"

- 1 Possible SCUD TEL
- 4 Probable SCUD TEL's (canvas covered)
- 1 Possible SCUD resupply transport trailer with prime mover
- 4 Probable SCUD resupply transport trailers with prime movers.
- 3 Probable "A Frame" cranes with prime movers
- 1 Probable KRAZ 214 cargo truck
- 4 Possible ZIL 151/157 cargo trucks
- 6 Probable ZIL 151/157 cargo trucks
- 5 Possible ZIL 151/157 van trucks
- 9 Probable ZIL 151/157 van trucks
- 2 Probable ZIL 157 fuel trucks
- 1 Possible GAZ 51/63 cargo truck
- 4 Probable GAZ 51/63 cargo trucks
- 4 Probable GAZ 51/63 van trucks
- 5 Possible UAZ 69 utility trucks
- 5 Probable UAZ 69 utility trucks
- 2 Possible K-32 truck mounted cranes
- 25 Unidentified vehicles
- 11 Unidentified pieces of equipment
- 1 General purpose tent

Two probable missile checkout areas were also observed within Bivouac Area "A".

a. Probable Missile Checkout Area 1

- 1 Missile field service tent
- 1 Probable ZIL 151/157 van truck
- 1 Probable ZIL 157 missile checkout vehicle
- 2 Unidentified vehicles

b. Probable Missile Checkout Area 2

- 1 Missile field service tent
- 1 Probable ZIL 151/157 van truck
- 1 Possible ZIL 157 missile checkout vehicle
- 1 Unidentified vehicle

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III. SCUD Bivouac Area B

- 2 Possible SCUD TEL's (canvas covered)
- 1 Possible SCUD resupply transport trailer with prime mover
- 2 Probable SCUD resupply transport trailers with prime movers
- 1 Probable "A Frame" crane with prime mover
- 2 Probable KRAZ 214 cargo trucks
- 2 Possible ZIL 151/157 cargo trucks
- 2 Probable ZIL 151/157 cargo trucks
- 2 Possible ZIL 151/157 van trucks
- 2 Probable ZIL 151/157 van trucks
- 1 Possible GAZ 51/63 cargo truck
- 4 Probable GAZ 51/63 cargo trucks
- 1 Possible GAZ 51/63 van truck
- 2 Possible UAZ 69 utility trucks
- 2 Probable lowbed trailers
- 2 Probable cargo trailers
- 18 Unidentified vehicles
- 4 Unidentified pieces of equipment

IV. SCUD Bivouac Area C

- 2 Probable SCUD TEL's
- 2 Probable SCUD resupply transport trailers with prime movers
- 1 Probable "A Frame" crane with prime mover
- 1 Possible KRAZ 214 cargo truck
- 2 Possible ZIL 151/157 cargo trucks
- 6 Probable ZIL 151/157 cargo trucks
- 7 Probable ZIL 151/157 van trucks
- 2 Possible GAZ 51/63 cargo trucks
- 3 Probable GAZ 51/63 cargo trucks
- 1 Probable GAZ 51/63 van truck
- 5 Probable UAZ 69 utility trucks
- 2 Possible ZIL 157 missile checkout vehicles
- 2 Possible ZIL 157 fuel trucks
- 1 Possible lowbed trailer
- 10 Unidentified vehicles
- 2 Unidentified pieces of equipment
- 2 Pyramidal tents
- 1 Small frame tent

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V. SCUD Bivouac Area D

- 1 Possible SCUD TEL
- 2 Possible KRAZ 214 cargo trucks
- 4 Possible ZIL 151/157 cargo trucks
- 3 Probable ZIL 151/157 cargo trucks
- 5 Probable ZIL 151/157 van trucks
- 1 Possible GAZ 51/63 cargo truck
- 1 Possible GAZ 51/63 van truck
- 6 Probable UAZ 69 utility trucks
- 2 Possible ZIL 157 missile checkout vehicles
- 2 Possible ZIL 157 missile checkout vehicles
- 2 Possible ZIL 157 fuel trucks
- 3 Probable missile dollies
- 9 Unidentified vehicles
- 2 Unidentified pieces of equipment
- 7 Pyramidal tents
- 1 General purpose tent

VI. Probable Warhead Mating and Transloading Exercise.

- 1 SCUD TEL with missile
- 1 "A Frame" crane with prime mover
- 1 Probable "A Frame" crane with prime mover
- 1 SCUD resupply transport trailer with prime mover
- 1 Probable ZIL 151/157 cargo truck

VII. Probable Fueling Exercise

- 1 Probable SCUD missile on resupply transport trailer and prime mover
- 1 Possible ZIL 157 fuel truck
- 1 Possible ZIL 157 oxidizer transporter truck
- 1 Possible ZIL 157 water truck

VIII. A Possible Field Mess Facility

A possible field mess facility located adjacent the troop training and support area contains one large building, 5 general purpose tents and 5 small frame tents. Four unidentified vehicles were observed near this facility.

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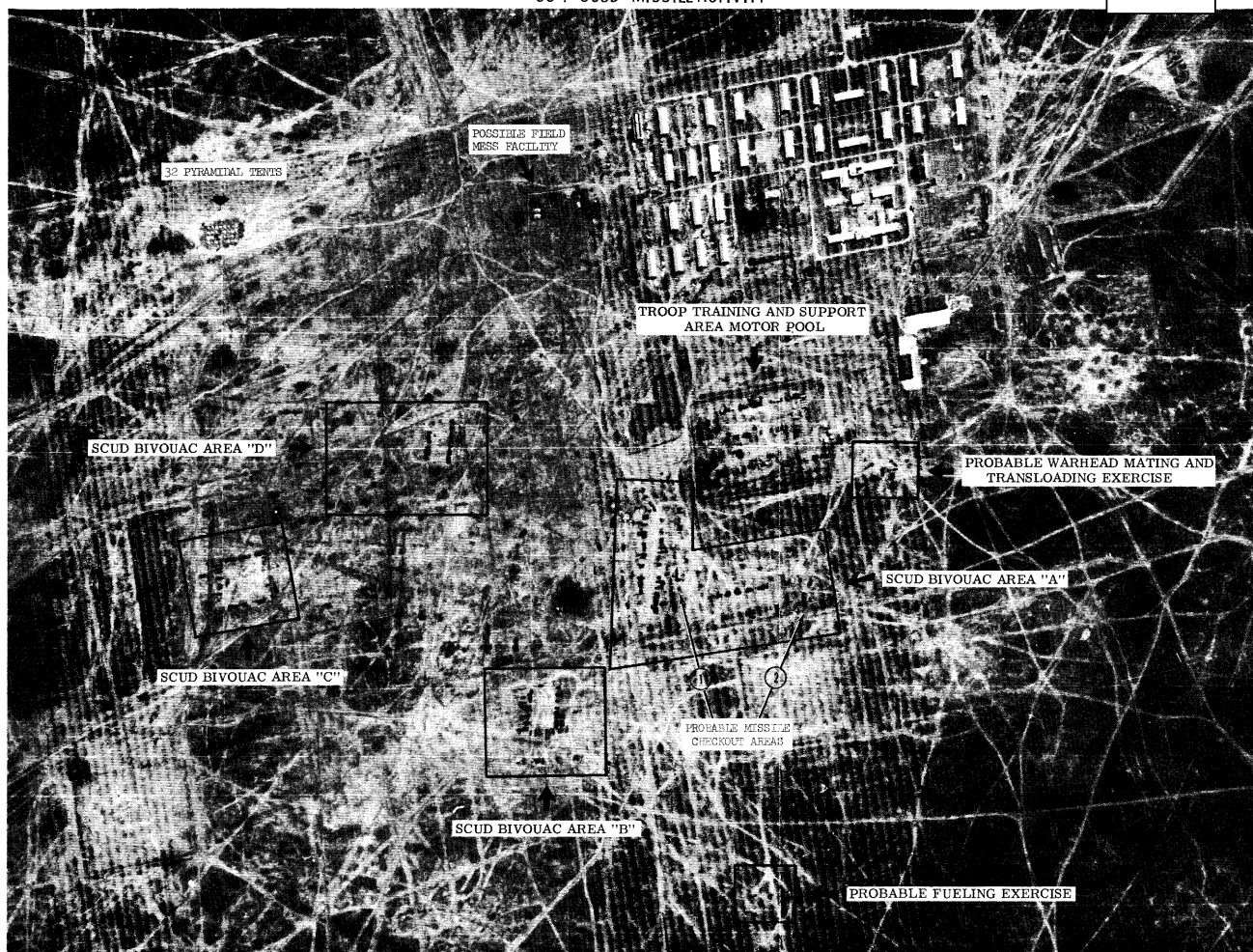
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TROOP TRAINING AND SUPPORT AREA

SS-I "SCUD" MISSILE ACTIVITY

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TROOP TRAINING AND SUPPORT AREA  
SS-1 "SCUD" MISSILE ACTIVITY

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(See Figure 3)

Analysis of [ ] revealed three separate SCUD vehicle parks and bivouac areas one in the motor pool and adjacent to the Troop Training and Support Area and two located approximately 1.5 nm north of this area.

Activity on this mission consists of two SCUD units, with their support equipment, bivouacked in the training area and one SCUD unit with its support equipment utilizing the permanent facilities of the Troop Training and Support Area.

The only exercise observed on this mission is a possible launching exercise taking place in SCUD bivouac Area "B".

The absence of missile field checkout tents and the large amount of activity at the troop training and support area motor pool indicates that the SCUD units may be utilizing the permanent buildings there to process the missiles for deployment to the units in the field.

An annotated photograph and listing of vehicles and equipment is provided for each of the SCUD bivouac areas observed on this mission.

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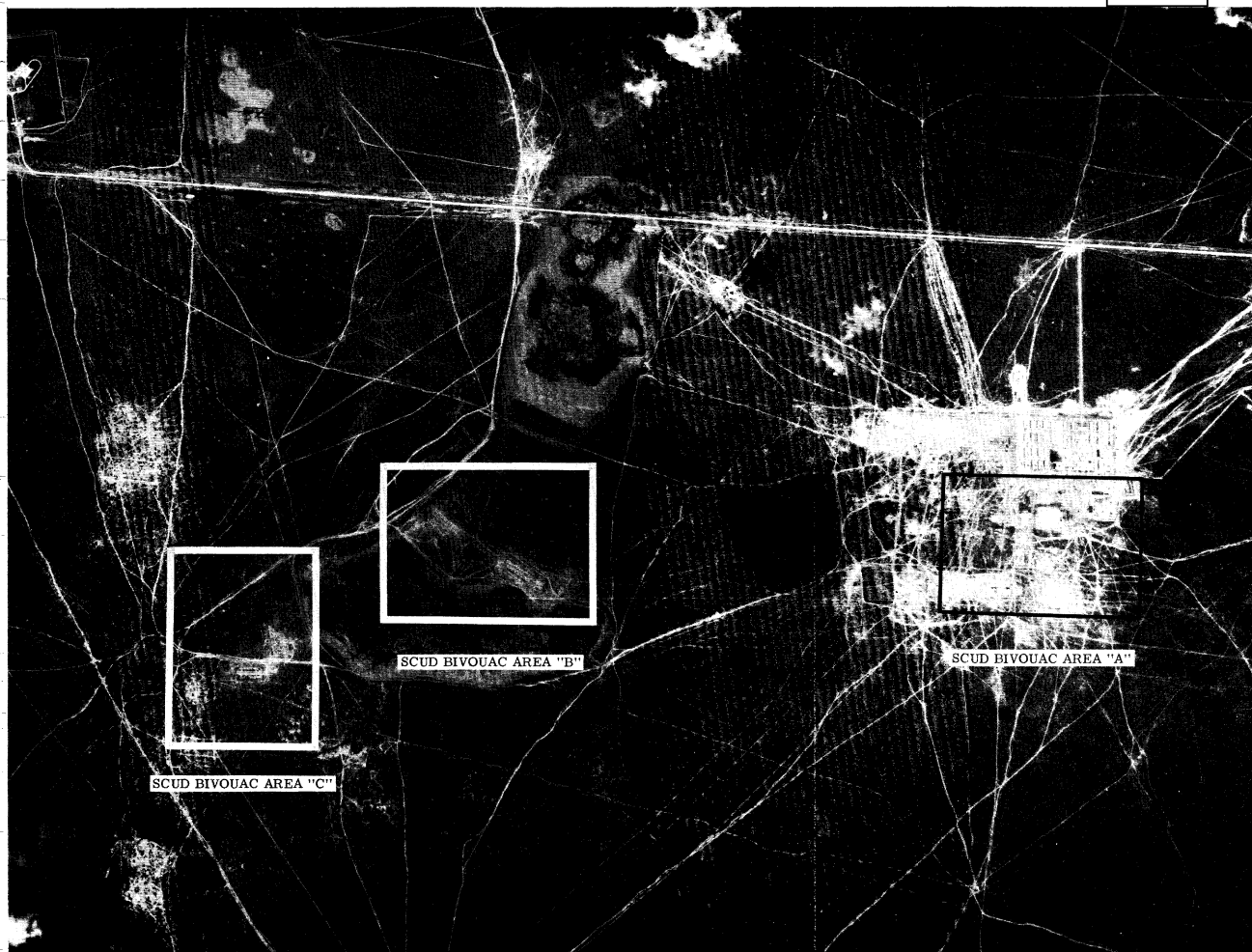
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TROOP TRAINING AND SUPPORT AREA  
SS-I "SCUD" MISSILE ACTIVITY

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I. SCUD Bivouac Area "A" (Figure 4)

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## Troop Training and Support Area

- 1 SCUD TEL (canvas covered)
- 7 Probable SCUD resupply transport trailers, 3 with prime movers
- 1 Possible SCUD resupply transport trailer
- 2 "A Frame" trailers, 1 with prime mover
- 3 Probable ZIL 157V truck tractors
- 4 Possible ZIL 157V truck tractors
- 9 Probable ZIL 151/157 cargo trucks
- 10 Probable ZIL 151/157 van trucks
- 2 Probable GAZ 51/63 van trucks
- 2 Possible ZIL 157 fuel trucks
- 1 Possible ZIL 157 oxidizer transport truck
- 13 Unidentified vehicles
- 17 Unidentified pieces of equipment

## Vehicle/Equipment Park

- 2 SCUD TEL's (canvas covered)
- 2 Probable SCUD resupply transport trailers with prime movers.
- 1 Probable "A Frame" crane with prime mover
- 7 Probable ZIL 151/157 cargo trucks
- 6 Probable ZIL 151/157 van trucks
- 2 Probable GAZ 51/63 van trucks
- 4 Probable UAZ 69 utility trucks
- 2 Possible generator trailers
- 3 Unidentified vehicles

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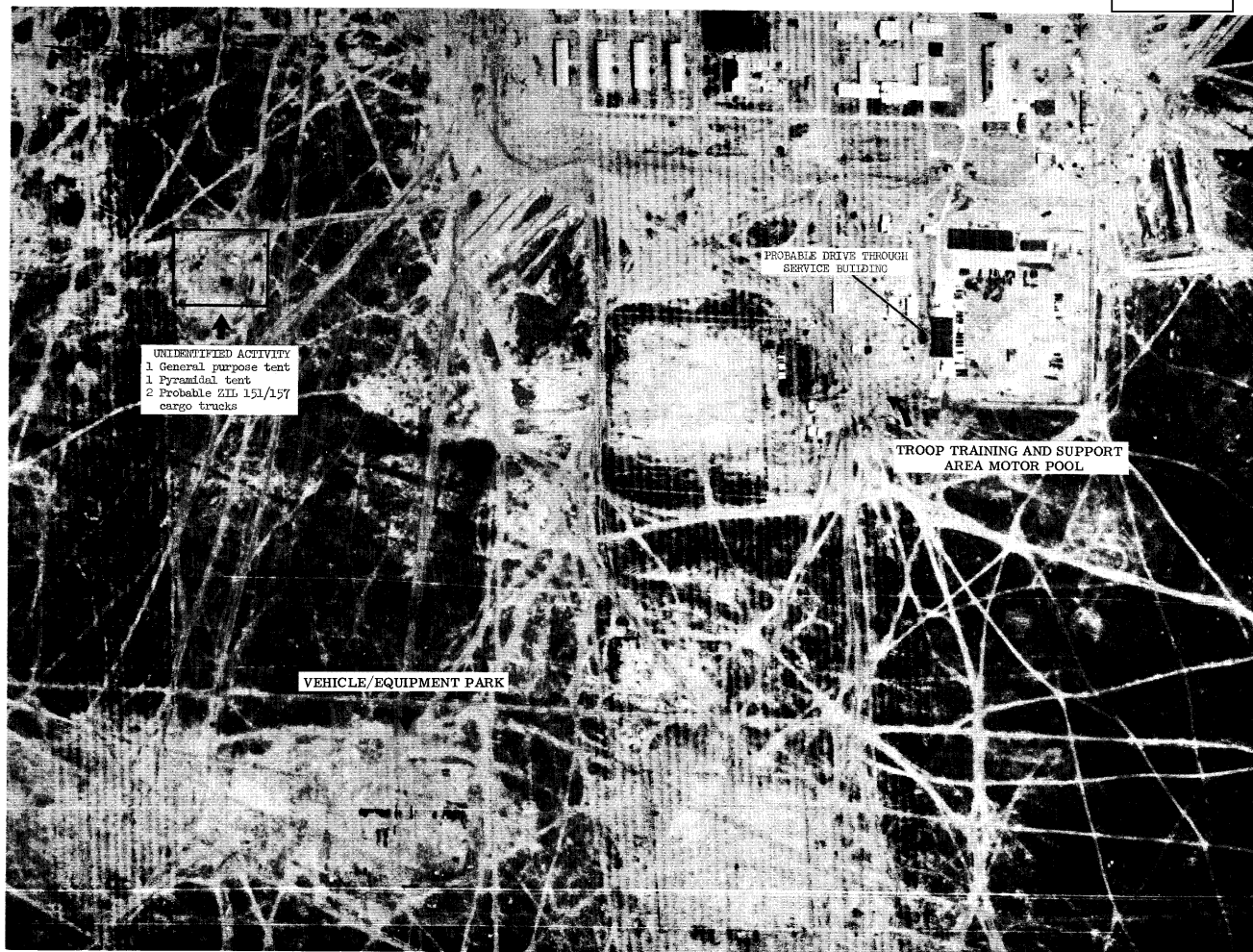
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TROOP TRAINING AND SUPPORT AREA

SCUD BIVOUAC AREA "A"

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Approved For Release 2003/03/04 : CIA-RDP78T05161A000900010061-3 Figure 4

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II. SCUD Bivouac Area "B" (Figure 5)

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## A. Vehicle/Equipment Park

- 1 Probable SCUD resupply transport trailer with prime mover
- 1 Probable END TRAY radar
- 2 Probable KRAZ 214 cargo trucks
- 1 Possible MAZ 502 van truck
- 3 Probable ZIL 151/157 cargo trucks
- 8 Probable ZIL 151/157 van trucks
- 4 Possible GAZ 51/63 cargo trucks
- 5 Probable UAZ 69 utility trucks
- 1 Possible generator trailer
- 15 Unidentified vehicles
- 8 Unidentified pieces of equipment
- 4 Pyramidal tents
- 2 Small frame tents

## B. Possible Launching Exercise

- 1 SCUD TEL probably with missile erected
- 1 "A Frame" crane trailer with prime mover
- 2 SCUD resupply transport trailers with prime movers
- 1 Probable ZIL 151/157 cargo truck
- 1 Probable ZIL 151/157 van truck
- 1 Possible GAZ 51/63 cargo truck
- 2 Probable UAZ 69 utility trucks
- 1 Possible theodolite position
- 1 Unidentified vehicle

## C. Tent Area

- 2 Probable ZIL 151/157 cargo trucks
- 5 Unidentified vehicles
- 59 Pyramidal tents
- 5 General purpose tents
- 7 Unidentified pieces of equipment

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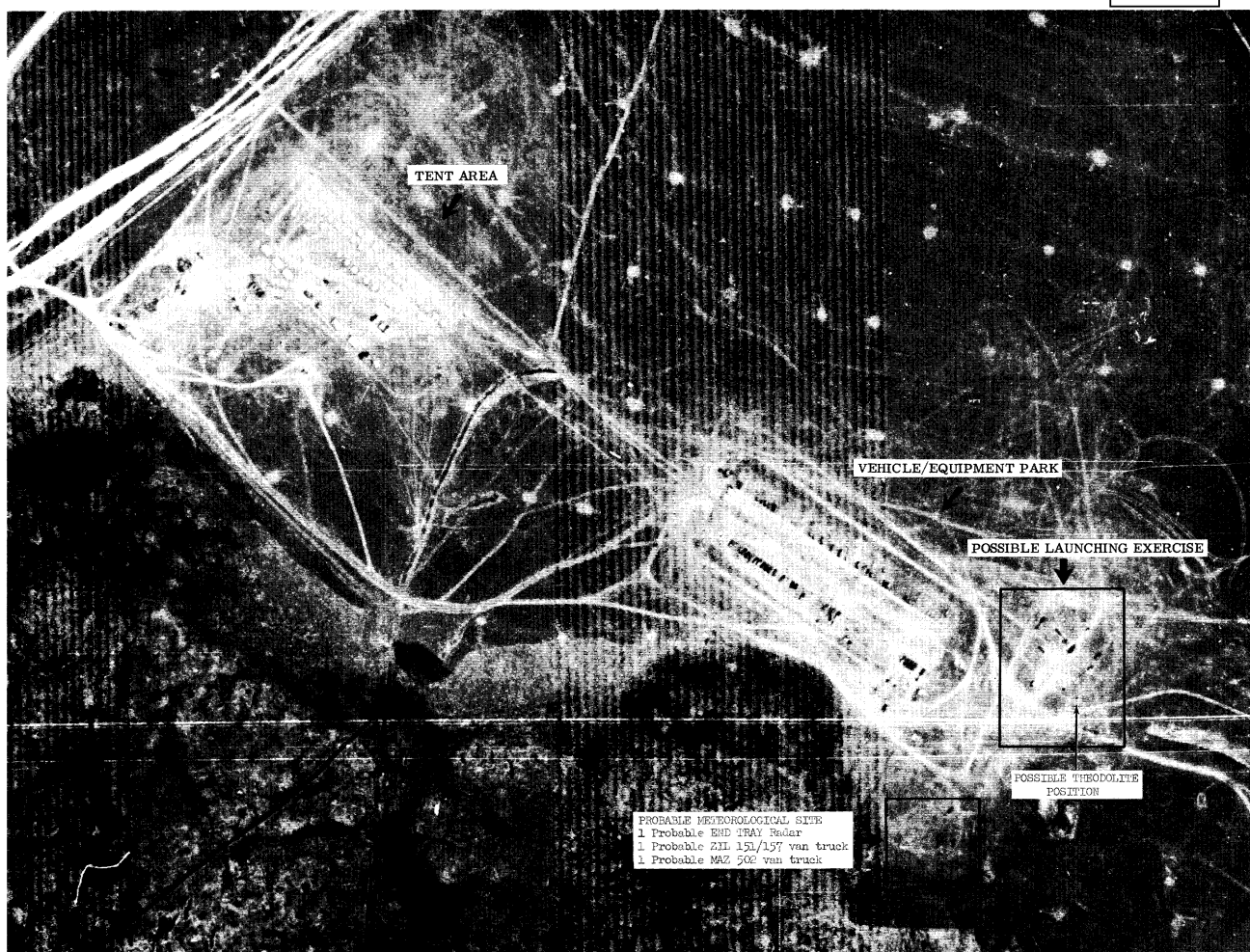
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SCUD BIVOUAC AREA "B"

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III. SCUD Bivouac Area "C" (Figure 6)

A. Vehicle Equipment Park

- 2 SCUD TEL's (canvas covered)
- 2 Possible SCUD resupply transport trailers, 1 with prime mover
- 1 Possible "A Frame" crane trailer with prime mover
- 1 Possible END TRAY radar
- 2 Probable KRAZ 214 cargo trucks
- 1 Possible MAZ 502 van truck
- 1 Possible ZIL 157V truck tractor
- 5 Probable ZIL 151/157 cargo trucks
- 5 Probable ZIL 151/157 van trucks
- 2 Probable GAZ 51/65 van trucks
- 1 Possible ZIL 157 fuel truck
- 6 Probable UAZ 69 utility trucks
- 2 Probable lowbed trailers
- 2 Possible generator trailers
- 16 Unidentified vehicles
- 5 Unidentified pieces of equipment

B. Tent Area

- 3 Probable ZIL 151/157 cargo trucks
- 6 Unidentified vehicles
- 46 Pyramidal tents
- 4 General purpose tents
- 2 Small frame tents
- 2 Unidentified pieces of equipment

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SCUD BIVOUAC AREA "C"

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Figure 6

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UNIDENTIFIED MISSILE SYSTEM, POSSIBLY  
ARMY TACTICAL CRUISE TYPE (FIGURE 7)

Equipment and support type vehicles of an unidentified possible cruise missile system, possibly army associated, were observed in a bivouac area 0.7 nm WSW of Launch Complex B on [REDACTED]

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This possible missile system employs a probable transporter/rail launcher semi-trailer, approximately 40 feet long, with a probable URAL 375/377 truck tractor prime mover. The identification of the prime mover is made possible in that it is the only known soviet vehicle of this type utilizing a fold down canvas-top cab.

Two unidentified semi-trailers approximately 35 feet long, possibly having a resupply function, appear in each of the units.

The "Kennel" SSC-2 missile system utilizes a 35 foot long transporter/rail launcher with a KRAZ 214 truck tractor prime mover. There are also 4 large KRAZ 219 van trucks and numerous ZIL and GAZ van and cargo trucks employed in an SSC-2 unit. The unidentified possible missile system does not appear to utilize the KRAZ 219 van trucks and has a comparably smaller number of support type van and cargo trucks.

A probable training launch area pattern was observed near the unit bivouac area on [REDACTED]. This pattern consists of a vehicle turn around loop with two probable support vehicle/equipment parking areas, one on each side of the entrance to the loop.

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The following vehicles and equipment were observed in the two unidentified possible missile units.

## UNIT A

a. Vehicle Park

- 2 Probable transport/launcher semi-trailers with prime movers
- 2 Unidentified semi-trailers, possibly resupply, with prime movers
- 4 Probable ZIL 151/157 van trucks
- 3 Possible ZIL 151/157 cargo trucks
- 3 Probable UAZ 69 utility trucks
- 3 Unidentified vehicles
- 2 Unidentified peices of equipment

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b. Tent Area

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- 3 Possible ZIL 151/157 cargo trucks
- 7 Unidentified vehicles/equipment
- 1 General purpose tent
- 25 Pyramidal tents

UNIT B

a. Vehicle Park

- 3 Probable transport/launcher semi-trailers with prime movers
- 2 Unidentified semi-trailers, possibly resupply, with prime movers
- 14 Probable ZIL 151/157 van trucks
- 6 Probable ZIL 151/157 cargo trucks
- 1 Probable K-104 truck mounted crane
- 1 Unidentified truck mounted crane
- 2 Possible UAZ 69 utility trucks
- 4 Unidentified vehicles
- 3 Unidentified small trailers

b. Tent Area

- 1 Probable ZIL 151/157 van truck
- 1 Probable ZIL 151/157 cargo truck
- 3 Unidentified vehicles/equipment
- 2 General purpose tents
- 20 Pyramidal tents

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KAPUSTIN YAR / VLADIMIROVKA MISSILE TEST CENTER

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BIVOUAC AREA, LAUNCH COMPLEX B

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UNIDENTIFIED POSSIBLE CRUISE MISSILE  
SYSTEM, POSSIBLY ARMY ASSOCIATED

PROBABLE LAUNCH AREA PATTERN

2 PROBABLE TRANSPORTER/  
LAUNCHER TRAILERS

3 PROBABLE TRANSPORTER/  
LAUNCHER TRAILERS

UNIT A  
UNIT B

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FIGURE 7

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## REFERENCES

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## MAPS AND CHARTS

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## 25X1 DOCUMENTS

1. NPIC/R-829/64 Launch Complex A and E and Troop Training and Support Area, Kapustin Yar/Vladimirovka Missile Test Center, USSR. (TOP SECRET [REDACTED])
2. NPIC/R-835/64 Launch Complex B and Probable Cruise Missile Training Area, Kapustin Yar/Vladimirovka Missile Test Center. (TOP SECRET [REDACTED])

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## REQUIREMENT

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## CIA/IAD PROJECT

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